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rubber and intercalate and clay and tire	11

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DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR

L1 rubber and intercalate and clay and tire11 L1

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PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 1273616 EUROPATFULL EW 200302 FS OS

TITLE: Elastomer composition which contains intercalated and exfoliated clay reinforcement formed in situ within the elastomer host and article, such as a tire, having at least one component thereof.
Elastomerzusammensetzung, welches in der Zusammensetzung in situ gebildete, eingeschobene und abblaetternde Tonverstaerkung enthaelt, und ein Gegenstand, wie beispielsweise einen Reifen, der mindestens eine aus dieser Zusammensetzung bestehende Komponente enthaelt.
Composition elastomerique, qui contient des renforcements intercales et exfolies d'argile formes in-situ dans la composition; et un article, comme un pneu, qui contient au moins un composant de cette composition.

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PATENT ASSIGNEE(S): THE GOODYEAR TIRE & RUBBER COMPANY, 1144 East Market Street, Akron, Ohio 44316-0001, US

PATENT ASSIGNEE NO: 204500

AGENT: Leitz, Paul et al., Goodyear S.A., Patent-Department, Avenue Gordon Smith, 7750 Colmar-Berg, LU

AGENT NUMBER: 51075

OTHER SOURCE: MEPA2003004 EP 1273616 A1 0013

SOURCE: Wila-EPZ-2003-H02-T1a

DOCUMENT TYPE: Patent

LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch

DESIGNATED STATES: R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE; R TR; R AL; R LT; R LV; R MK; R RO; R SI

PATENT INFO.PUB.TYPE: EPA1 EUROPAEISCHE PATENTANMELDUNG

PATENT INFORMATION:

PATENT NO	KIND DATE
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<u>EP 1273616</u>	A1 20030108
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'OFFENLEGUNGS' DATE: 20030108
APPLICATION INFO.: EP 2002-100739 20020621
PRIORITY APPLN. INFO.: US 2001-897315 20010702

ACCESSION NUMBER: 2002100936 PCTFULL ED 20030102 EW 200251
TITLE (ENGLISH): LOW PERMEABILITY NANOCOMPOSITES
TITLE (FRENCH): NANOCOMPOSITES A FAIBLE PERMEABILITE
INVENTOR(S): DIAS, Anthony, J., 918 Noble Springs Road, Houston, TX

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LANGUAGE OF FILING: English

LANGUAGE OF PUBL.: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER	KIND	DATE
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<u>WO 2002100936</u>	A1	20021219
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DESIGNATED STATES

W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
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RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

RW (EAPO): AM AZ BY KG KZ MD RU TJ TM

RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
TR

RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2002-US16797 A 20020529

PRIORITY INFO.: US 2001-60/297,915 20010613

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ACCESSION NUMBER: 2002100935 PCTFULL ED 20030102 EW 200251

TITLE (ENGLISH): LOW PERMEABILITY NANOCOMPOSITES

TITLE (FRENCH): NANOCOMPOSITES FAIBLEMENT PERMEABLES

INVENTOR(S): DIAS, Anthony, J., 918 Noble Springs Road, Houston, TX

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LANGUAGE OF FILING: English

LANGUAGE OF PUBL.: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER	KIND	DATE

WO 2002100935	A1	20021219

DESIGNATED STATES

W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
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RW (EAPO): AM AZ BY KG KZ MD RU TJ TM

RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
TR

RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2002-US16796 A 20020529

PRIORITY INFO.: US 2001-60/296,873 20010608

US 2001-60/297,915 20010613

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ACCESSION NUMBER: 2002100923 PCTFULL ED 20030102 EW 200251

TITLE (ENGLISH): LOW PERMEABILITY NANOCOMPOSITES

TITLE (FRENCH): NANOCOMPOSITES FAIBLEMENT PERMEABLES

INVENTOR(S): TSOU, Andy, H., 3007 Prairie Knoll Court, Houston, TX

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LANGUAGE OF FILING: English

LANGUAGE OF PUBL.: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER KIND DATE

WO 2002100923 A2 20021219

DESIGNATED STATES

W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
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SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

RW (EAPO): AM AZ BY KG KZ MD RU TJ TM

RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

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RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2002-US16794 A 20020529

PRIORITY INFO.: US 2001-60/296,873 20010608

=>

ACCESSION NUMBER: 2002048257 PCTFULL ED 20020709 EW 200225

TITLE (ENGLISH): ELASTOMERIC COMPOSITION

TITLE (FRENCH): COMPOSITION ELASTOMERIQUE

INVENTOR(S): DIAS, Anthony, J., 918 Noble Springs Road, Houston, TX
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LANGUAGE OF FILING: English

LANGUAGE OF PUBL.: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER	KIND	DATE
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<u>WO 2002048257</u>	A2	20020620
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DESIGNATED STATES

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KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW
MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ
UA UG US UZ VN YU ZA ZW

RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZW

RW (EAPO): AM AZ BY KG KZ MD RU TJ TM .

RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

TR

RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2001-US42767 A 20011016

PRIORITY INFO.: US 2000-09/691,764 20001018

US 2001-60/294,808 20010531

ACCESSION NUMBER: 2002014410 PCTFULL ED 20020711 EW 200208

TITLE (ENGLISH): ORIENTED THERMOPLASTIC VULCANIZATE

TITLE (FRENCH): VULCANISAT THERMOPLASTIQUE ORIENTE

INVENTOR(S): TSOU, Andy, H., 3007 Prairie Knoll Court, Houston, TX

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LANGUAGE OF FILING: English

LANGUAGE OF PUBL.: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER KIND DATE

WO 2002014410 A2 20020221

DESIGNATED STATES

W: AU BR CA CN CZ HU IN JP KR MX PL RU US

RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

TR

APPLICATION INFO.: WO 2001-US20942 A 20010702

PRIORITY INFO.: US 2000-60/225,479 20000815

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(FILE 'HOME' ENTERED AT 12:49:56 ON 14 MAR 2003)

FILE 'CAPLUS, EUROPATFULL, PCTFULL' ENTERED AT 12:50:24 ON 14 MAR 2003

L1 16 S CLAY AND INTERCALATE AND TIRE

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